UPPER TRISHULI-1 HEP (216MW)			
Client	Nepal Water and Energy Development Company Private Limited		
Owner's Engineer	Tractebel Engineering GmbH / Jade Consult		
Contractor	Doosan Enerbility		
REPLY COMMENT			
Subcontractor	Power Construction Corporation of China		
Incoming Document			
Title of the Document	Numerical Analysis for Hydraulic Performance and Sediment Deposition of Desander Basin		
Document/Drawing No.	UT1-C-030-CVL-DC-52003	Revision	0B
Review Document No.	-	Reviewed Note No.	RN-0409
Received Date	25.12.2022	Review status	RR
Outgoing Document			
Previous Reply No.	RC-0xx	Previous Reply Date.	22.12.2022
Reply No.	RC-0xx	Reply date	29.12.2022

After several months of research by the EPC Contractor and during the critical detailed design stage of the UT-1 project the EPC Contractor shall come to final conclusions ASAP.
The EPC Contractor shall not submitt uncomplete design documents, which show internal interim design status. In the case of the Desander the EPC Contractor is Requested to come up with a finalized detailed design ASAP..

Reply: Contractor performed/finished simulation analysis of 100m and 105m long working section of desander basin. From the calculation results, both 100m and 105m can not fully satisfy the trapping efficiency requirement of 90% removal of the 0.2 mm and larger diameter sediment particles.

Final working section length of 110m is finally proposed, please refer to Numerical Analysis for Hydraulic Performance and Sediment Deposition of Desander Basin is revised Rev.C for details.